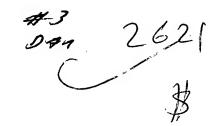


## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



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## PATENT APPLICATION

Inventor(s):

Leon Bottou et al.

Docket No.:

2001-0061

**Application No.:** 

10/057687

Filing Date:

01/24/2002

**Examiner Name:** 

Not Yet Assigned

**Group Art Unit:** 

2621

Title:

Method And System For Classifying Image Elements

MAIL STOP PATENT APPLICATION COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

SIR:

## **INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08A. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56(b).

1. This information disclosure statement is being filed within three months of the filing date of a national application other than a continued prosecution application under §1.53(d); within three months of the date of the entry of the national stage as set forth in §1.491 in an international application; before the mailing of a first Office action on the merits; or before the mailing of a first Office action after the filing of a request for continued examination under §1.114. No certification or fee is required. (37 C.F.R. §1.97(b)).

2. This information disclosure statement is being filed more than three months after the filing date of a national application other than a continued prosecution application under §1.53(d); more than three months after the date of the entry of the national stage as set forth in §1.491 in an international application, after the mailing date of a first Office action on the merits, or after the mailing of a first Office action after the filing of a request for continued examination under §1.114, but before the mailing date of any of a Final action under §1.113, a Notice of Allowance under §1.311 or an action that otherwise closes prosecution in the application. (37 C.F.R. §1.97(c)).

		a. I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97 (e)(1)).
		b. I hereby certify that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and to my knowledge after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97 (e)(2)).
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		c. Please debit Deposit Account No. 01-2745 in the amount of \$180.00 to cover the fee under 37 C.F.R. §1.17(p) and ensure consideration of the disclosed information.
		Respectfully,
Date:	Octo	ber 7, 2003

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Middletown, New Jersey 07748-4110

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Reg. No.: 42787

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OLP OCT 09	20 S	Haffner et al., "Browsing through High Quality Document Images with DjVU," Proc. IEEE International Forum on Research and Technology Advances in Digital Libraries, April 22, 1998, pp. 309-318.					
RADEM	ARK OFF	Ozer et al., "A Graph Based Object Description for Information Retrieval in Digital Image and Video Libraries," Proc. IEEE Workshop on Content-Based Access of Image and Video Libraries, 1999, pp. 79-83.					
		Bottou et al., "High quality document image compression with 'DjVU'", Journal of Electronic Imaging, Vol. 7, No. 3, July 1, 1998, pp. 410-425.					
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